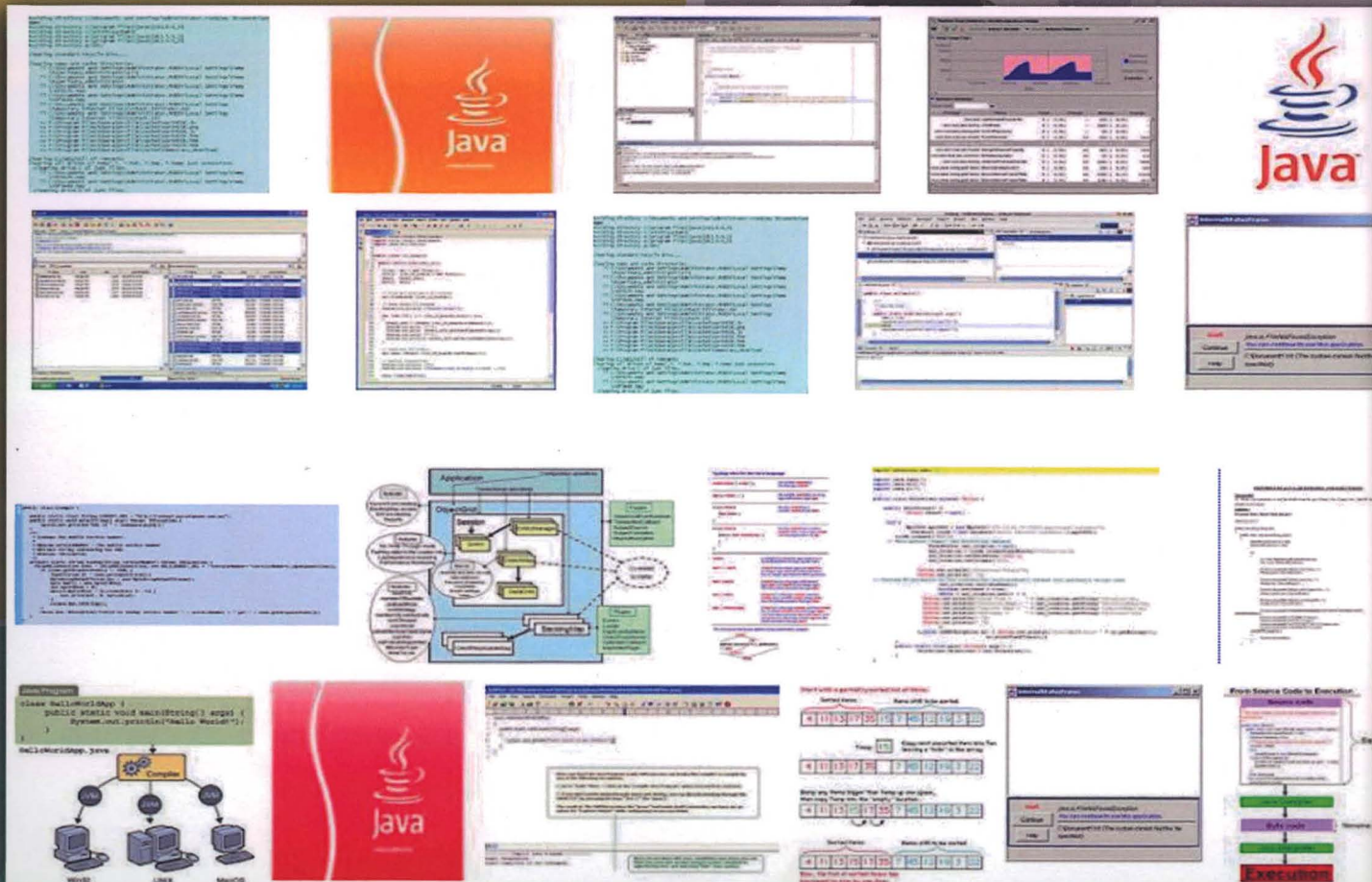


# Java Programming Lab Manual

Asadullah Shah

Zeeshan Bhatti



IIUM PRESS

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

# **JAVA PROGRAMMING LAB MANUAL**

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**Editors**

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## Chapter 3

### Introduction to Data Types in Java

**Zeeshan Bhatti, Asadullah Shah**

#### **Abstract**

In this chapter the begin Java programming by first understanding the data types that are available in Java and their characteristics. Also the analysis of valid and invalid identifiers will be given along with the list of various reserve words or key words used in Java.

#### **3.1 Identifiers**

An *identifier or variable* is an unlimited-length sequence of *Java letters* and *Java digits*, the first of which must be a letter or character for example all of the following are an invalid or incorrect Java identifiers:

- 4chevy
- all/clear
- get-lot-fred

Space character or '#' is also not allowed and considered as an incorrect character for use as an identifier. The '\$' character should be used only in mechanically generated Java code or, rarely, to access pre-existing names on legacy systems.